

Fremont Center Road Phase I Engineering Study

Stakeholder Involvement Group Meeting #1



August 12, 2015

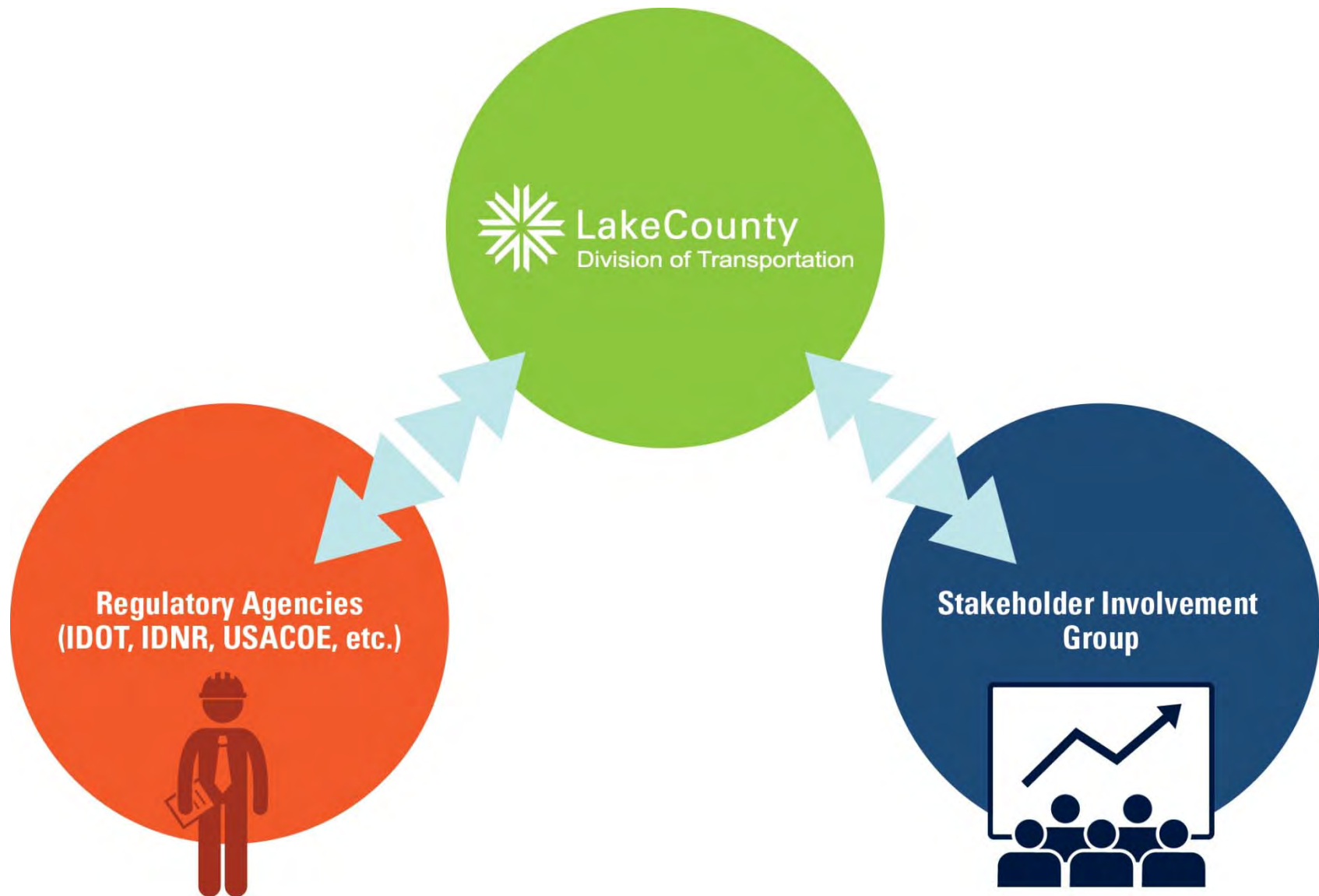


Introductions

Purpose of Meeting

- I. Describe Stakeholder Involvement Process.
- II. Introduce Project Implementation Process.
- III. Discuss the Project Background.
- IV. Present Existing Conditions.
- V. Identify Project Needs.
- VI. Discuss Potential Solutions.

Project Team



LCDOT Commitments

- Participate in two-way communication with Stakeholder Involvement Group (SIG).
- Consider stakeholder concerns and perspectives.
- Ensure a transparent study process.

SIG Responsibilities

- Attend meetings and participate in discussions and activities.
- Disseminate information to others.
- Participate openly and honestly, while respecting the opinions of group members.
- Work collaboratively to seek a consensus solution.

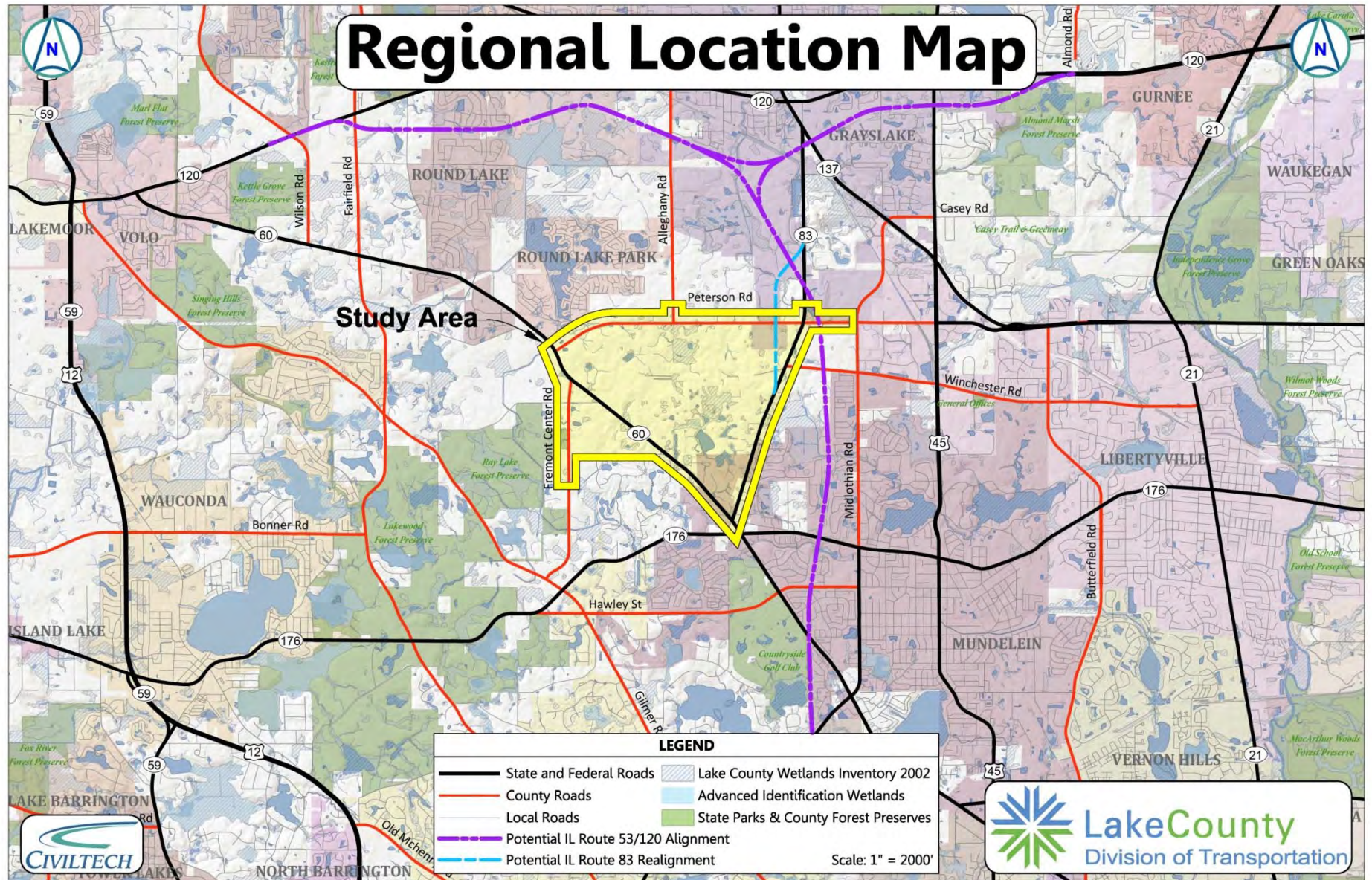
Consensus

When a majority of the stakeholders agree on a particular issue, while the remainder of stakeholders agrees its input has been heard and duly considered and that the process as a whole was fair.

Consensus

- The overall goal of the Lake County Division of Transportation (LCDOT) is to develop a consensus plan for Fremont Center Road as well as the extensions of Winchester Road and Alleghany Road.
- However, if consensus can not be achieved on every issue, LCDOT/IDOT will make the final decision.

Project Study Area



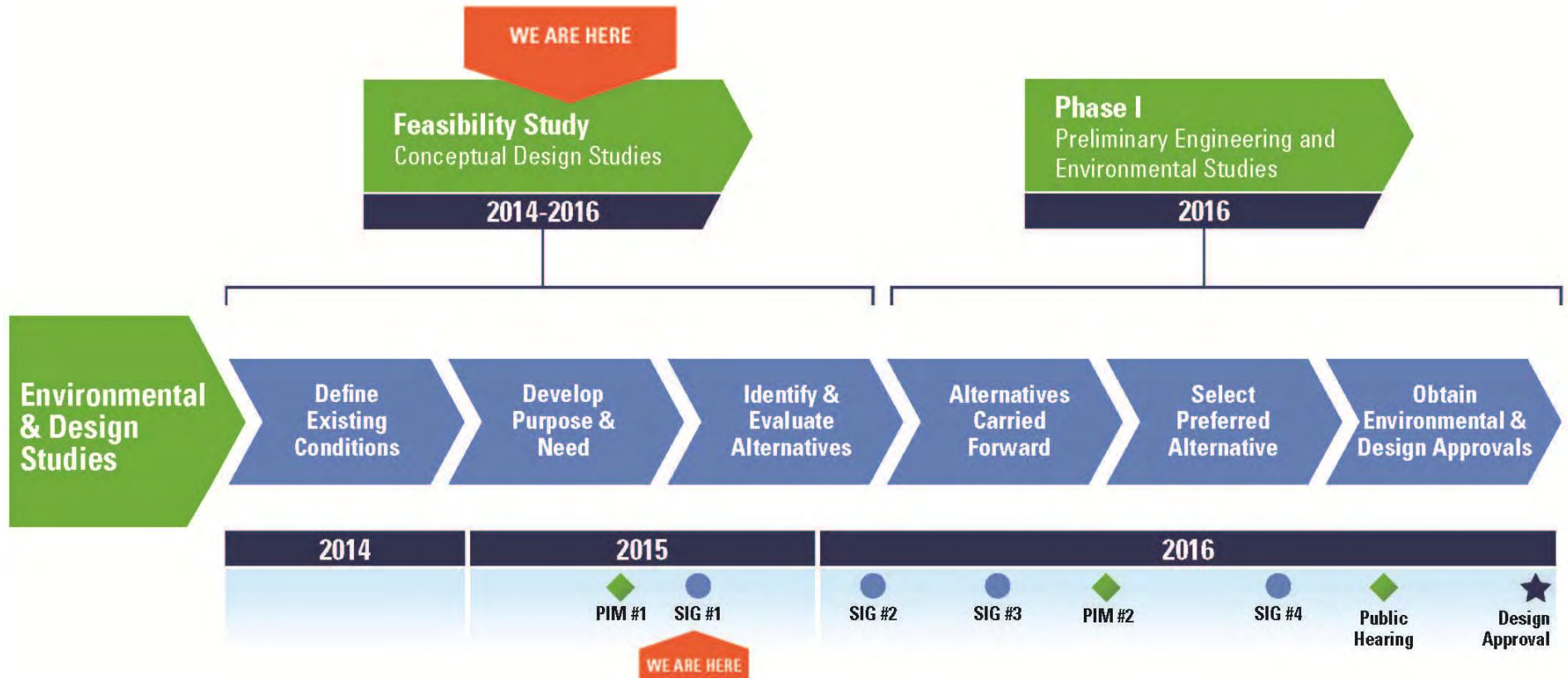
Project Implementation Process



* The Feasibility Study will determine the future roadway network for the area bounded by Peterson Road, IL Route 60, and IL Route 83.

** Phases II and III as currently programmed. Subject to change based on the availability of funding.

Project Schedule



Transportation Perspectives

- Historic Development of Regional Highways
 - Farm to Market Roads
 - 1950's and 1960's: Growth was residential in suburbs
 - 1970's - 2000's: Migration of people and jobs to suburbs
 - Travel Patterns have changed

Transportation Perspectives

- Land Development and Transportation
 - Land owner has right to develop to “highest and best use”
 - Local governments can control type and intensity of development, but not location or timing

Transportation Perspectives

- Pitfalls
 - Historically, developers had no responsibility for impact to the safety and operation of arterial streets
 - State and County highway agencies have had inadequate funding to keep pace
 - Recently, counties and municipalities have won the right to assess “highway improvement fees”

Regional Transportation Planning

Transportation Planning is carried out at many levels:

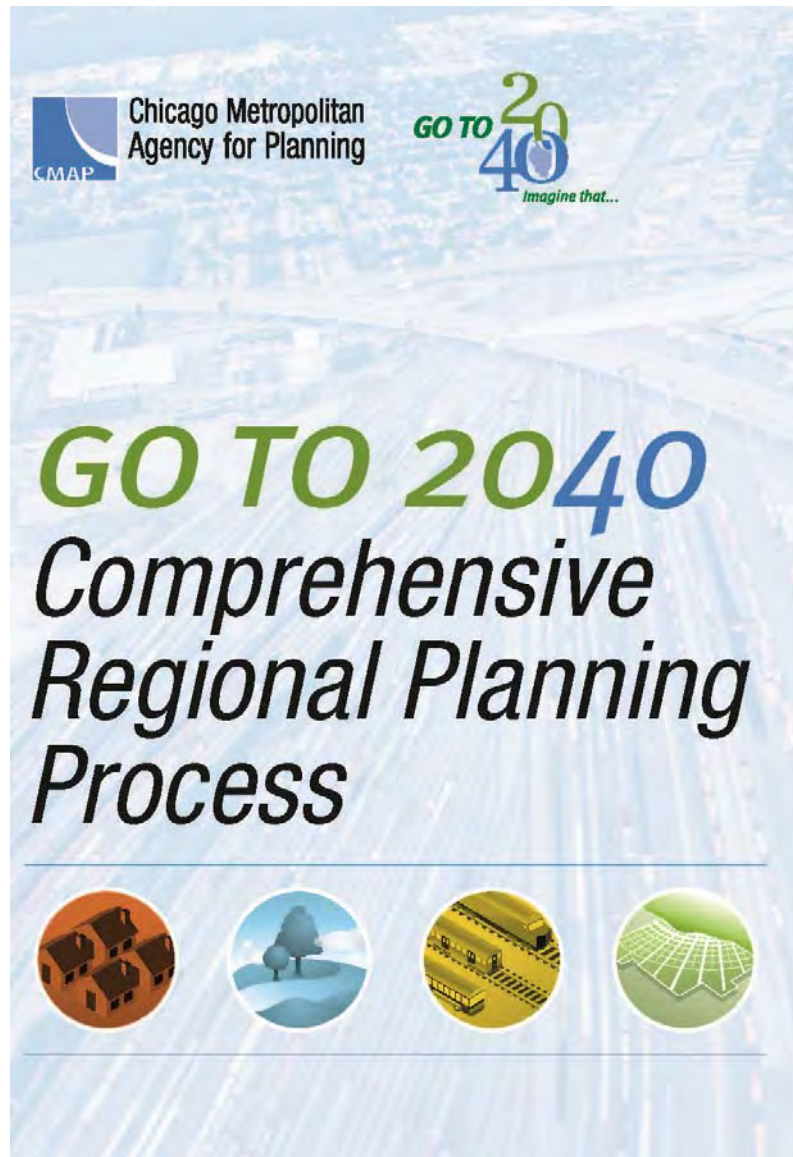
- Chicago Metropolitan Agency for Planning (CMAP)
- Regional Transportation Authority (RTA)
- Illinois Department of Transportation (IDOT)
- Illinois Tollway
- Counties
- Municipalities

CMAP

- CMAP created in 2005 through merge of CATS and NIPC
- CMAP is the official Metropolitan Planning Organization for 7 counties in NE Illinois
- By state and federal law, CMAP is responsible for developing the Comprehensive Regional Plan



CMAP



CMAP Comprehensive Plan

The Comprehensive Plan addresses:

- Land Use
- Environment
- Water Supply and Treatment
- Economic and Community Development
- Housing
- Transportation
- Human Services



CMAP Responsibilities

For Transportation, CMAP:

- Develops and maintains the regional plan for:
 - Airports
 - Mass Transit
 - Highways
- Manages programming of federal funds.
- Assures plan conforms to federal air quality standards.



GO TO 2040 Transportation Plan

Major Capital Projects

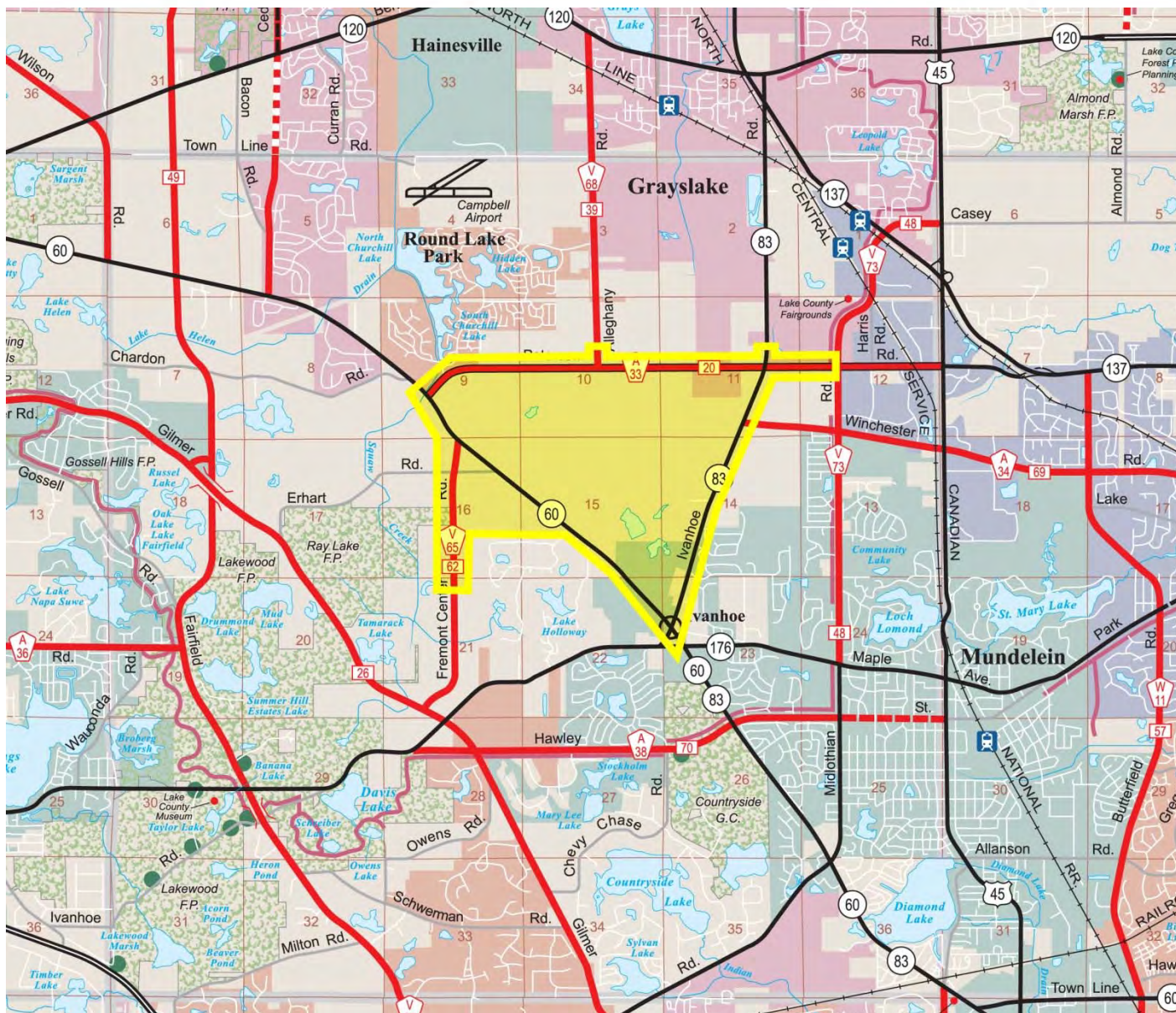


Planning Responsibilities of Other Agencies

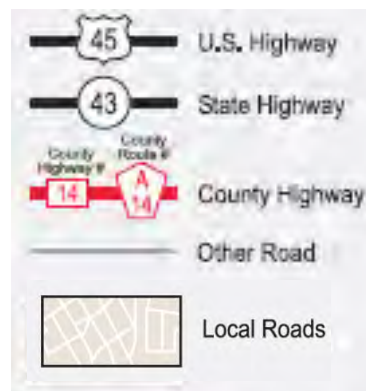
- Expressways
 - Illinois Tollway
 - IDOT
- Arterial Highways
 - IDOT
 - Counties
- Collector and Local Streets
 - Municipalities and Townships



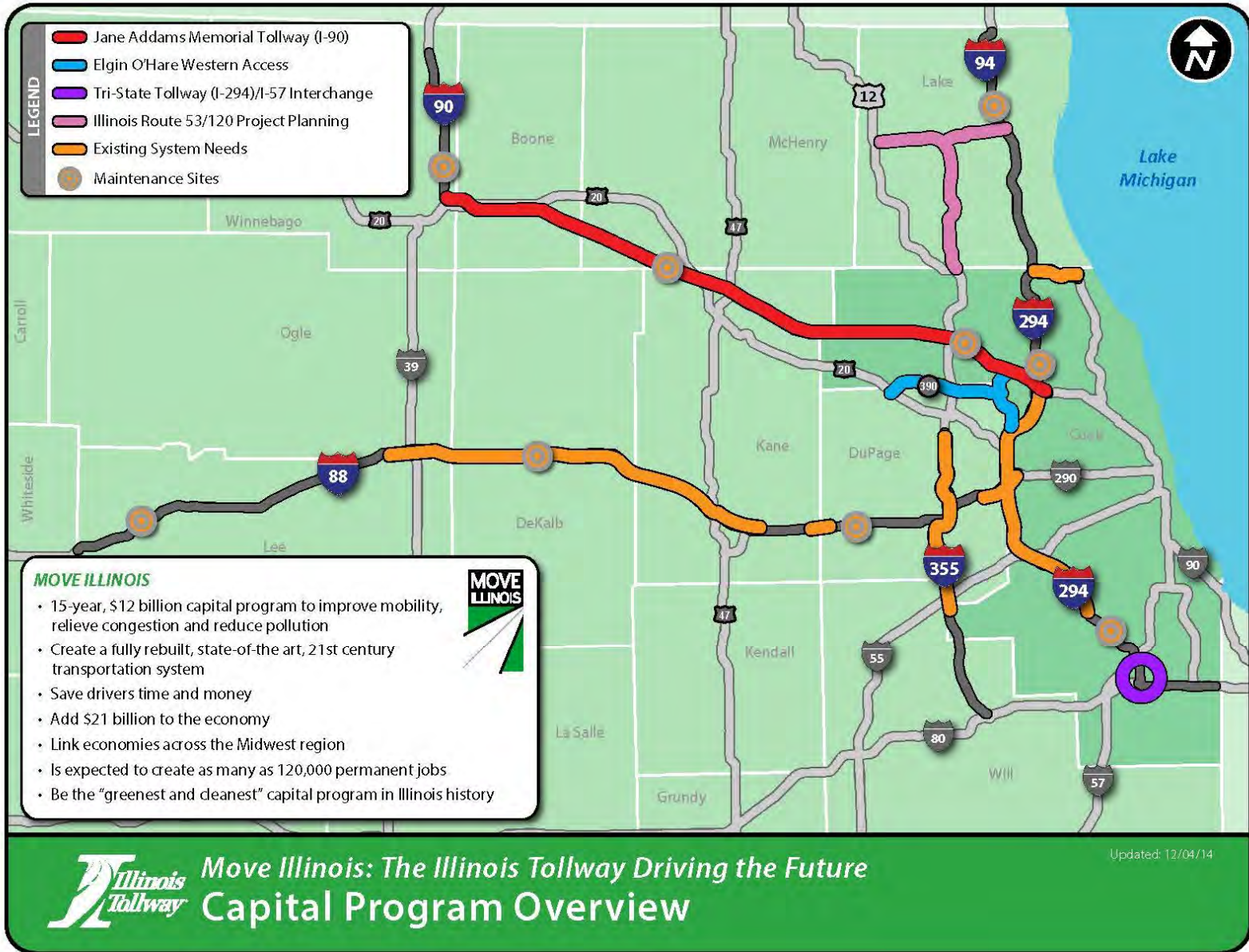
Roadway Classifications



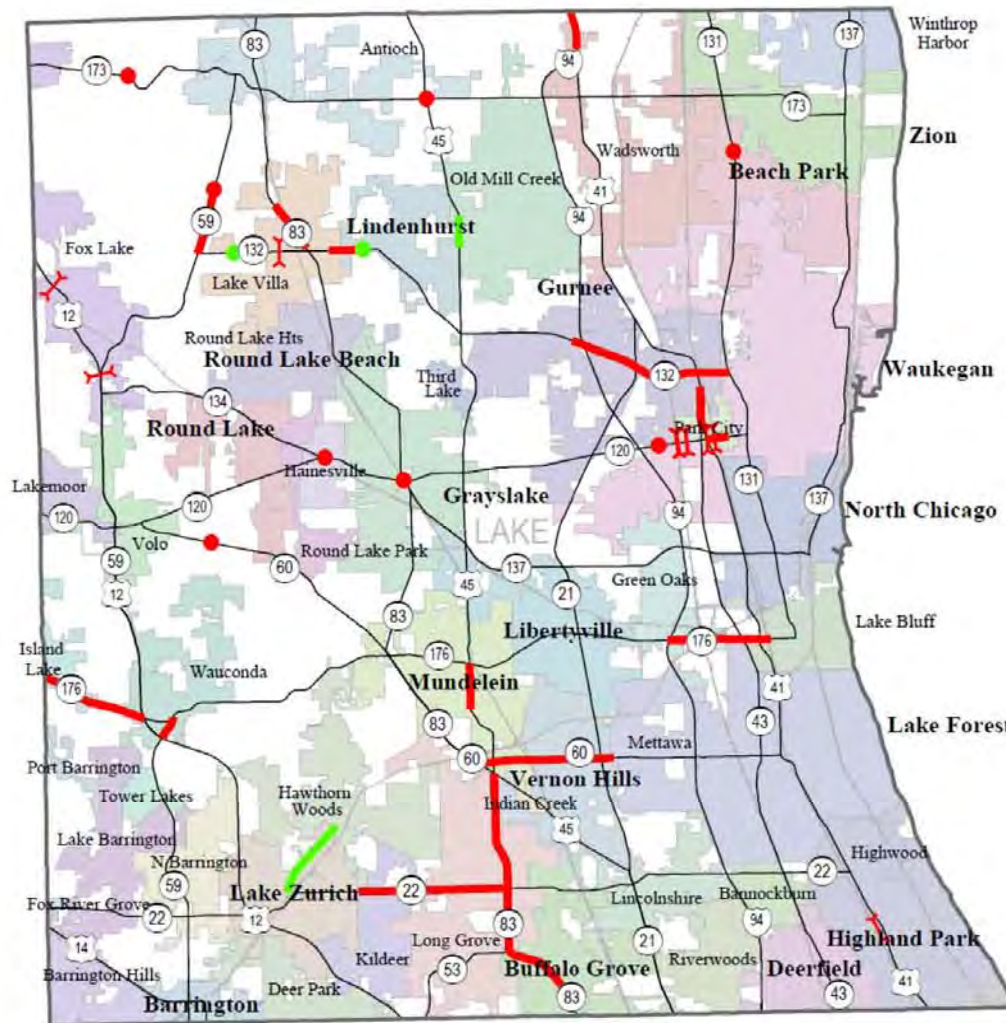
Legend



Tollway *Move Illinois* Program



IDOT Highway Improvement Program



LEGEND		
FY 2016	FY 2017-2021	HIGHWAY
		SPOT
		ROADWAY
		BRIDGE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FY 2016-2021 HIGHWAY IMPROVEMENT PROGRAM
LAKE COUNTY STATE HIGHWAYS

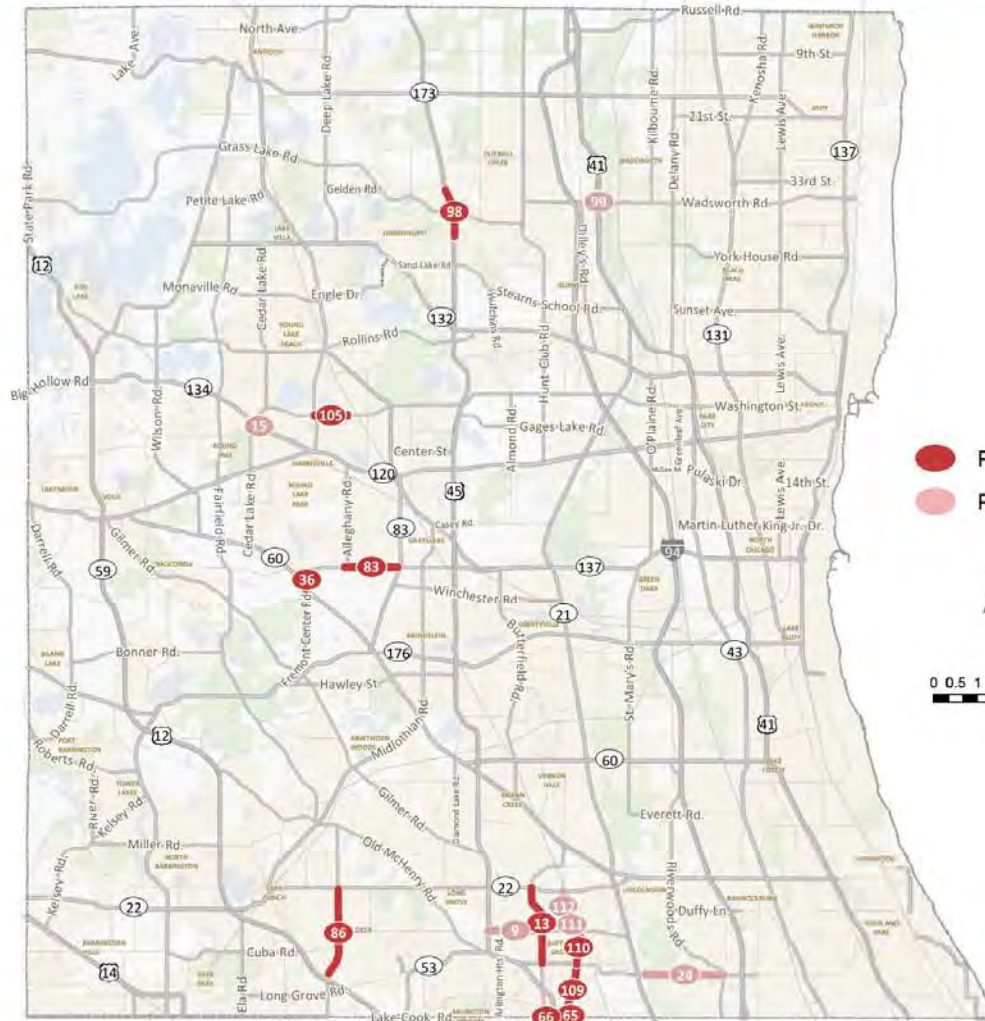
LCDOT Highway Improvement Plan

Expansion Projects: 2015 - 2020



Note: Projects shown as "Programmed" have Construction Schedule to begin during program years 2015-2020.

Projects shown as "Preliminary" have construction activities schedule to begin during program years 2015-2020.



● Programmed
● Preliminary



0 0.5 1 2 3 Miles

Expansion Projects			
Map ID	Route	Work Type	Const Year
9	Aptakisic Rd	Roadway	Post 2020
13	Buffalo Grove Rd	Roadway	2020
15	Cedar Lake Rd	Plan	Post 2020
24	Deerfield Rd	Roadway	Post 2020
36	Fremont Center Rd Ext	Roadway	2017
65	Lake Cook Rd	Roadway	2016
66	Lake Cook Rd	Roadway	2017
83	Peterson Rd	Roadway	2015
86	Quentin Rd	Roadway	2018
98	US Rte 45	Roadway	2016
99	Wadsworth Rd	Intersection	Post 2020
105	Washington St	Roadway	2015
109	Weiland Rd	Roadway	2017
110	Weiland Rd	Roadway	2019
111	Weiland Rd	Roadway	Post 2020
112	Weiland Rd	Roadway	Post 2020

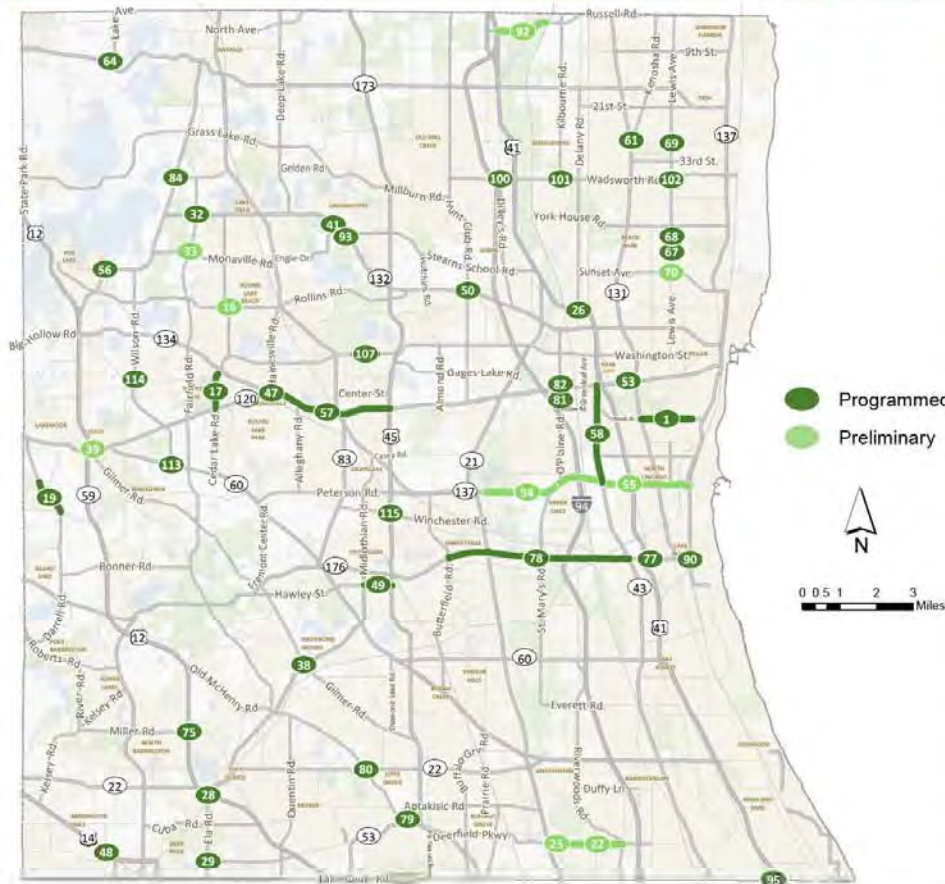
**LAKE COUNTY DIVISION OF TRANSPORTATION
2015-2020 HIGHWAY IMPROVEMENT PLAN**

EXPANSION PROJECTS

Date: 08/12/15

LCDOT Modernization Projects

Modernization Projects: 2015 - 2020



Modernization Projects			
Map ID	Route	Work Type	Const Year
1	14th St	Roadway	2017
16	Cedar Lake Rd	Intersection	Post 2020
17	Cedar Lake Rd	Reconstruction	2016
19	Darrell Rd	Intersection	2018
22	Deerfield Bike Path - East	Bikepath	Post 2020
23	Deerfield Bike Path - West	Bikepath	Post 2020
26	Delany Rd	Intersection	2015
28	Ela Rd	Intersection	2015
29	Ela Rd	Intersection	2019
32	Fairfield Rd	Signals	2015
33	Fairfield Rd	Intersection	Post 2020
38	Gilmer Rd	Intersection	2017
39	Gilmer Rd	Intersection	Post 2020
41	Granada Blvd	Intersection	2016
47	Hainesville Rd	Intersection	2016
48	Hart Rd	Intersection	2017
49	Hawley St	Roadway	2015
50	Hunt Club Rd	Intersection	2019
53	IL Rte 120	Roadway	2017
54	IL Rte 137 Bike Path	Bikepath	Post 2020
55	IL Rte 137 Bike Path	Bikepath	Post 2020
56	IL Rte 59	Intersection	2019
57	ITS-PASSAGE IL Rte 120	Signals	2016
58	ITS-PASSAGE IL Rte 43	Signals	2016
61	Kenosha Rd	Intersection	2017
64	Lake Ave	Intersection	2018
67	Lewis Ave	Enhancements	2015
68	Lewis Ave	Bridges	2015
69	Lewis Ave	Intersection	2016
70	Lewis Ave	Intersection	Post 2020
75	Miller Rd	Intersection	2018
77	North Shore Bike Path	Bikepath	2015
78	North Shore Bike Path	Bikepath	2016
79	Old McHenry Rd	Roadway	2016
80	Old McHenry Rd	Intersection	2018
81	OPlaine Rd	Intersection	2015
82	OPlaine Rd	Signals	2017
84	Petite Lake Rd	Intersection	2017
90	Robert McClory Bike Path	Bikepath	2015
92	Russell Rd	Bikepath	Post 2020
93	Sand Lake Rd	Intersection	2016
95	Skokie Valley Bike Trail	Bikepath	2017
100	Wadsworth Rd	Intersection	2018
101	Wadsworth Rd	Intersection	2018
102	Wadsworth Rd	Intersection	2018
107	Washington St Bike Path	Bikepath	2015
113	Wilson Rd	Intersection	2017
114	Wilson Rd	Intersection	2019
115	Winchester Rd	Railroad	2015

Note: Projects shown as "Programmed" have Construction Schedule to begin during program years 2015-2020.

Projects shown as "Preliminary" have construction activities schedule to begin during program years 2015-2020.

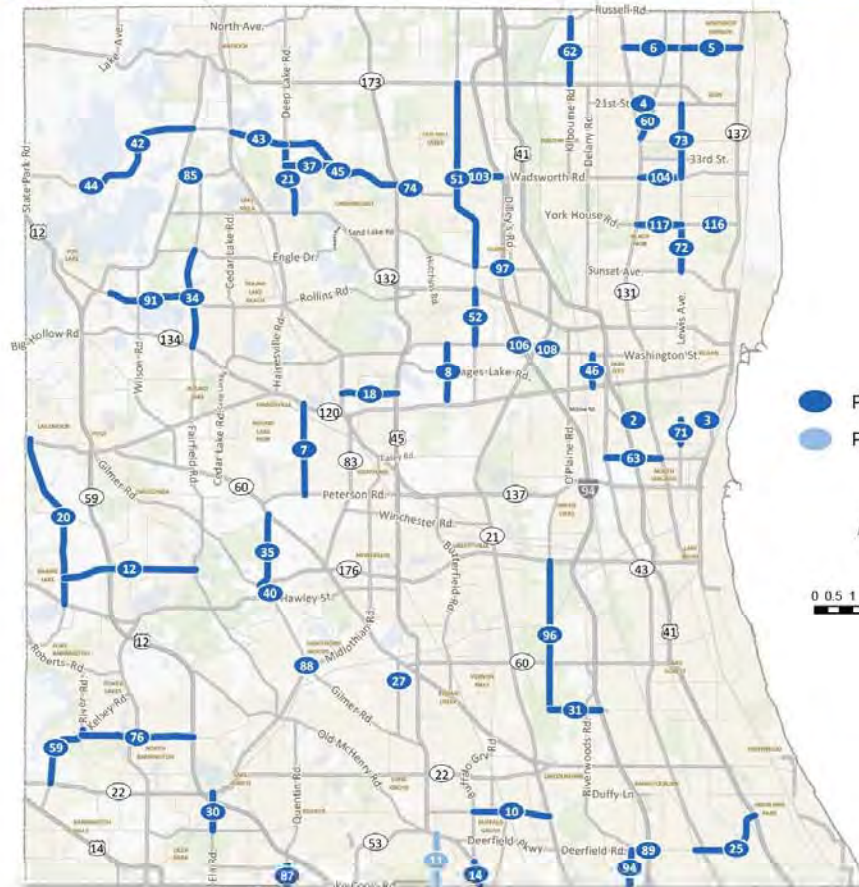
**LAKE COUNTY DIVISION OF TRANSPORTATION
2015-2020 HIGHWAY IMPROVEMENT PLAN**

MODERNIZATION PROJECTS

Date: 08/12/15

LCDOT Preservation Projects

Preservation Projects: 2015 - 2020



● Programmed
● Preliminary



Map ID	Preservation Projects		Const Year
	Route	Work Type	
2	14th St	Culverts	2016
3	14th St	Resurface	2016
4	21st St	Resurface	2016
5	9th St	Resurface	2017
6	9th St	Resurface	2019
7	Alleghany Rd	Resurface	2015
8	Almond Rd	Resurface	2020
10	Aptakisic Rd	Resurface	2018
11	Arlington Heights Rd	Reconstruction	Post 2020
12	Bonner Rd	Resurface	2020
14	Buffalo Grove Rd	Resurface	2017
18	Center St	Resurface	2015
20	Darrell Rd	Resurface	2019
21	Deep Lake Rd	Resurface	2020
25	Deerfield Rd	Reconstruction	2015
27	Diamond Lake Rd. Culvert	Culverts	2016
30	Ela Rd	Resurface	2016
31	Everett Rd	3R Resurfacing	2018
34	Fairfield Rd	Resurface	2017
35	Fremont Center Rd	Reconstruction	2017
37	Golden Rd	Resurface	2017
40	Gilmer Rd	Resurface	2017
42	Grass Lake Rd	Resurface	2015
43	Grass Lake Rd	Resurface	2017
44	Grass Lake Rd	Bridges	2017
45	Grass Lake Rd	Resurface	2020
46	Greenleaf Ave	Resurface	2016
51	Hunt Club Rd	Resurface	2016
52	Hunt Club Rd	Resurface	2020
59	Kelsey Rd	Resurface	2019
60	Kenosha Rd	Resurface	2016
62	Kilbourne Rd	Resurface	2017
63	King Dr	Resurface	2016
71	Lewis Ave	Resurface	2015
72	Lewis Ave	Resurface	2015
73	Lewis Ave	3R Resurfacing	2020
74	Millburn Rd	Bridges	2017
76	Miller Rd	Resurface	2016
85	Petite Lake Rd	Reconstruction	2015
87	Quentin Rd	Resurface	2015
88	Retaining Wall Maint2016	Maintenance	2016
89	Retaining Wall Maint2018	Maintenance	2018
91	Rollins Rd	Resurface	2015
94	Saunders Rd	Resurface	2019
96	St. Marys Rd	Resurface	2018
97	Stearns School Rd	Bridges	2017
103	Wadsworth Rd	Resurface	2016
104	Wadsworth Rd	Resurface	2018
106	Washington St	Drainage	2017
108	Washington St	Bridges	2015
116	York House Rd	Drainage	2015
117	York House Rd	Resurface	2018



Note: Projects shown as "Programmed" have Construction Schedule to begin during program years 2015-2020.

Projects shown as "Preliminary" have construction activities schedule to begin during program years 2015-2020.

**LAKE COUNTY DIVISION OF TRANSPORTATION
2015-2020 HIGHWAY IMPROVEMENT PLAN**

PRESERVATION PROJECTS

Date: 08/12/15

Shift in Planning Goals

Policy Driven vs. Market Driven



Shift in Planning Goals

POLICY GOAL: Compact infill development rather than continued unsustainable sprawl

- Region will grow by 2.4 million people by 2040 (nearly another City of Chicago)
- 38% of regional growth will occur in Cook County
- Only 9% of regional growth will occur in Lake County

MARKET REALITY: There is no regulatory authority to assure infill development



What Does This Mean for Our Project?

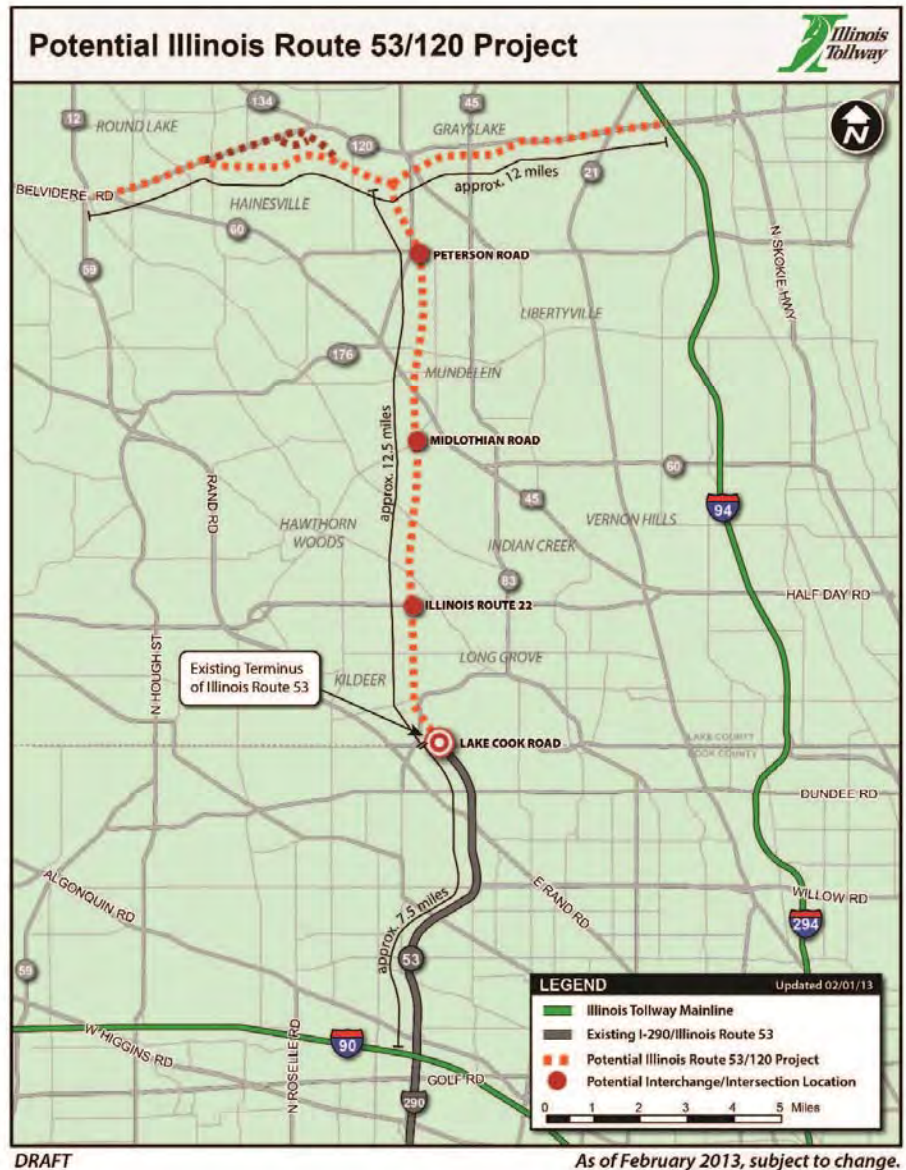
- CMAP “Planned” Traffic Growth is Limited



IL 53/IL 120 Project will Transform Study Area

IL 53/IL 120 Project will:

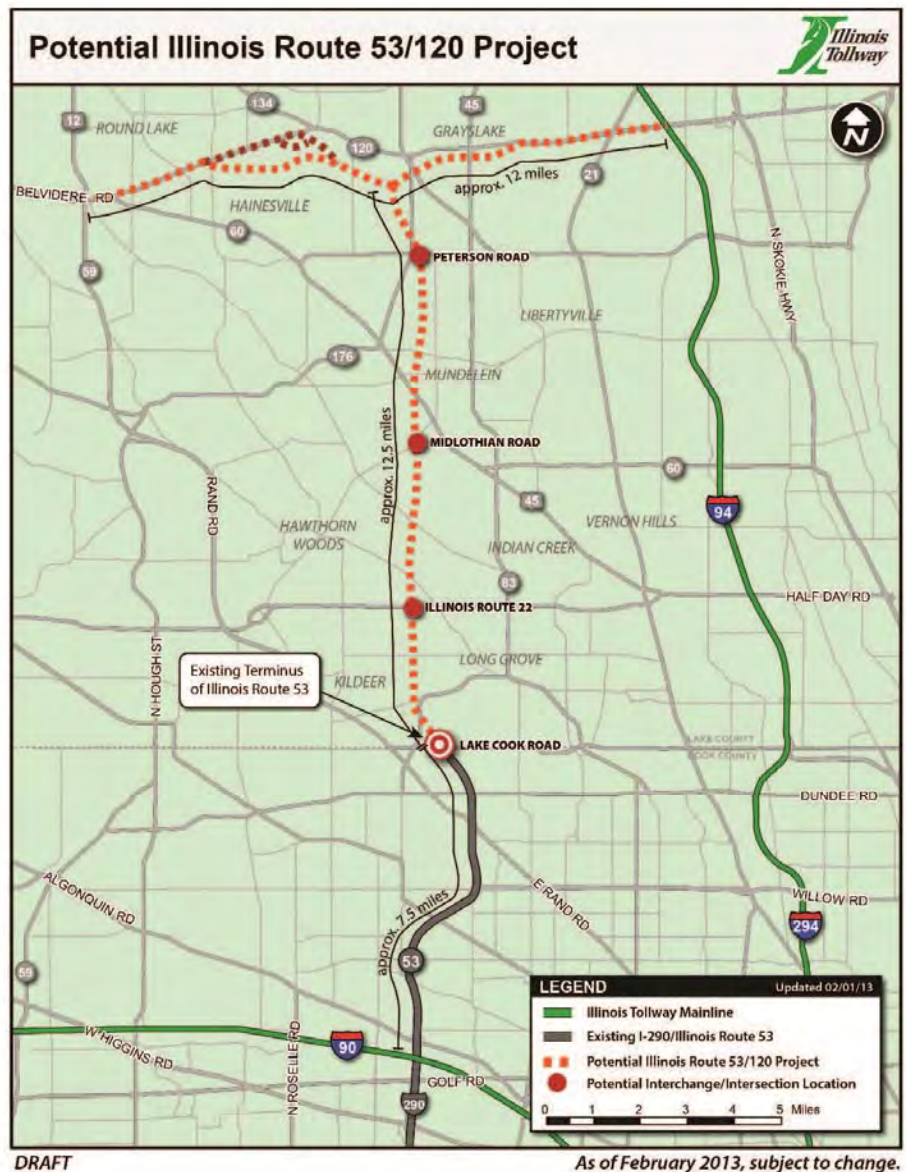
- Greatly enhance development potential of study area land.
- Change study area traffic volumes and patterns.
- Concentrate traffic at Peterson Road interchange (only interchange for 4 miles).



IL 53/IL 120 Project will Transform Study Area

IL 53/IL 120 Project will:

- Enhance the importance of Winchester and Alleghany Roads to area mobility.



What Does This Mean for Our Project?

- Should consider what happens if traffic impacts are greater than planned.
 - LCDOT 2040 Transportation Plan does that at County level.
 - Fremont Center Road Feasibility Study will do that at study area level.

Feasibility Study

- Anticipate future needs:
 - Roadway network
 - Right-of-way
 - Compatible access



Project Purpose

- Identify long range travel demand and transportation system improvements.
- Develop a staged transportation improvement plan.
- Address existing safety and operational improvement needs and future access needs, at a minimum, at the IL Route 60/Fremont Center Road intersection.



Existing Conditions

Existing Conditions

- Roadway Jurisdictions

- IDOT

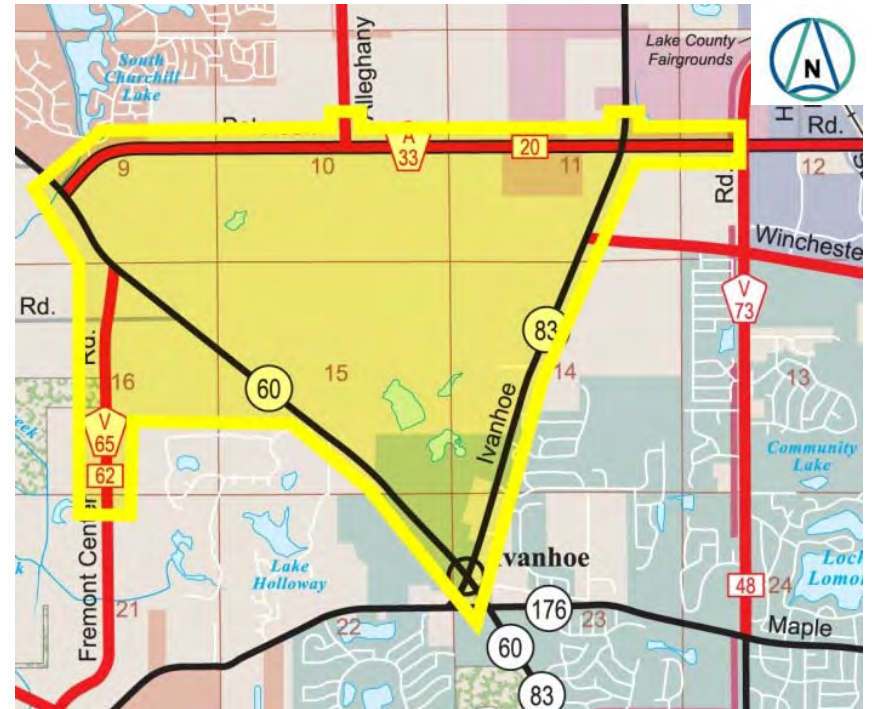
- IL Route 60
 - IL Route 83
 - IL Route 176

- Lake County

- Fremont Center Road
 - Peterson Road
 - Winchester Road
 - Alleghany Road

- Township Road

- Erhart Road

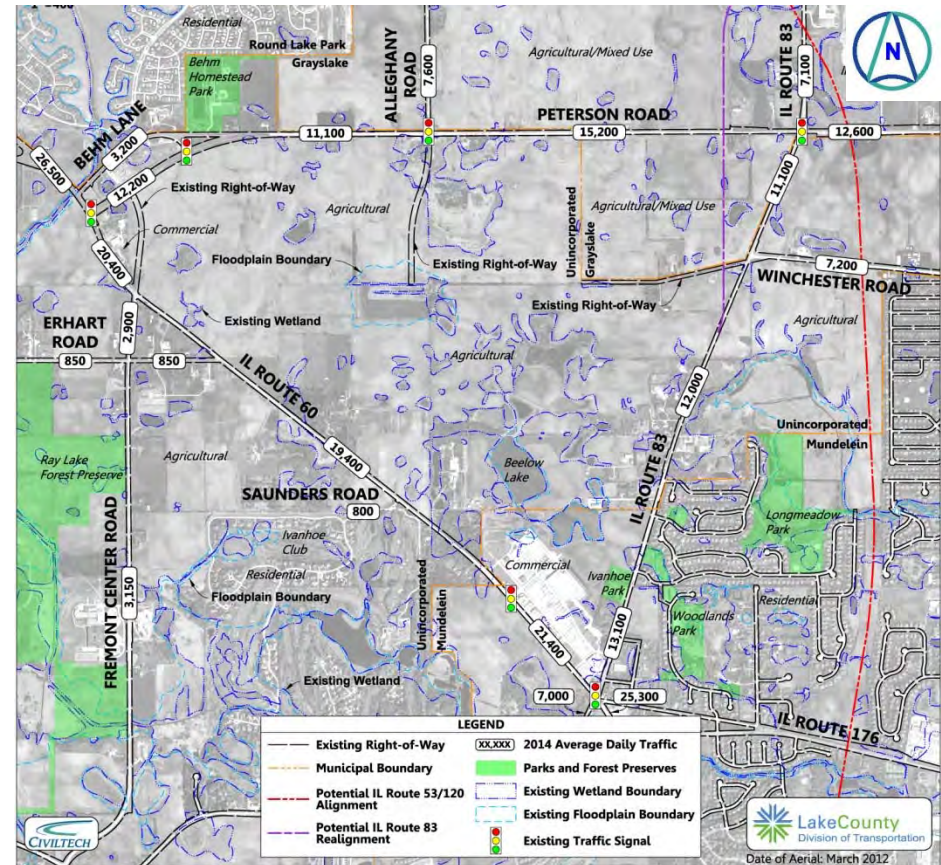


Legend



Existing Conditions

- Stop-controlled skewed intersections.
- Limited pedestrian/bicycle facilities and poor connectivity to Ray Lake.
- Mostly one through lane in each direction.
- Current roadway widening along Peterson Road.

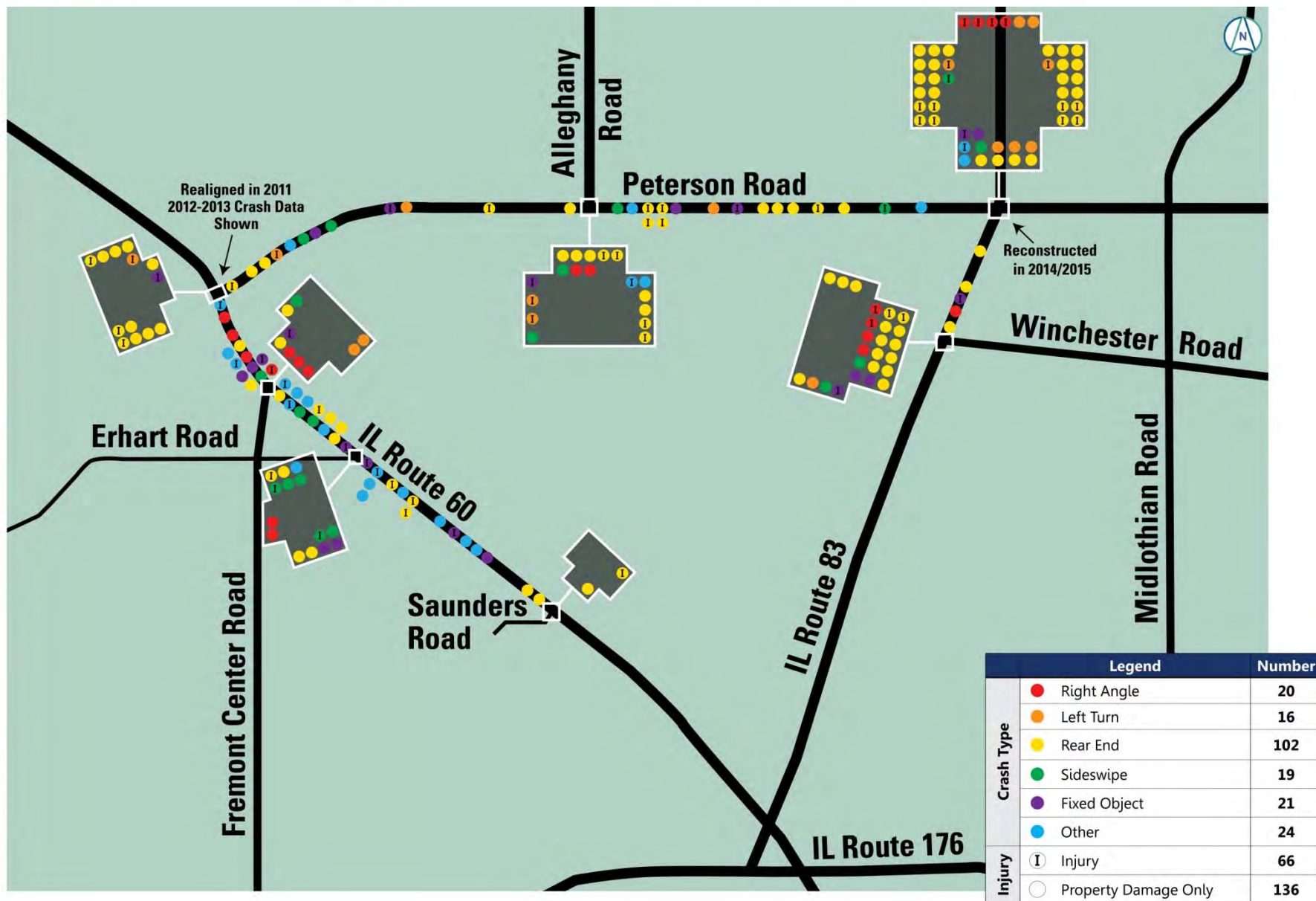


Existing Conditions

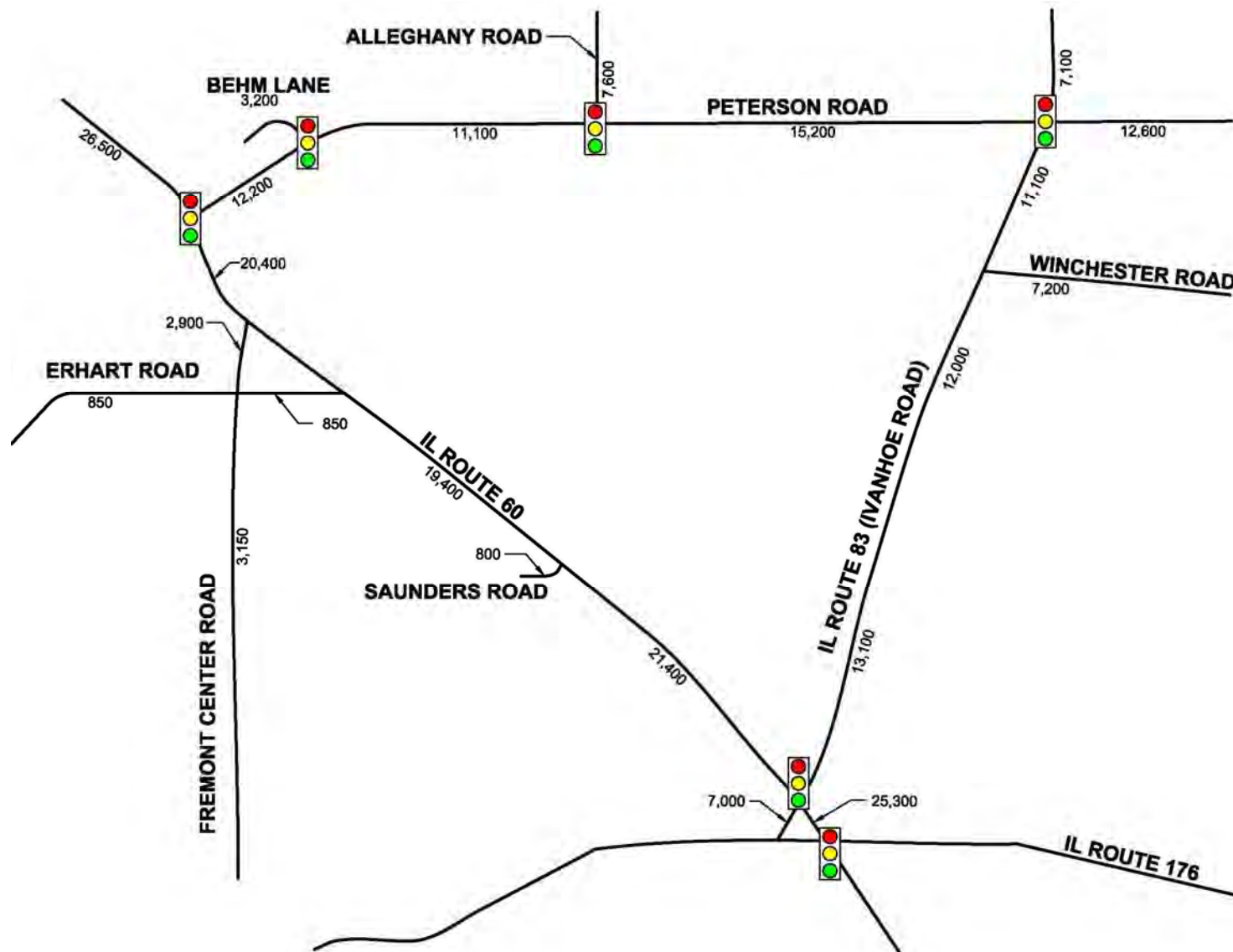
- Intersection sight distance
 - Safety concerns
 - Poor visibility of crossing pedestrians/bicyclists
- T-intersections
 - Poor circulation for east-west travel



Crash Summary Data (2009 – 2013)

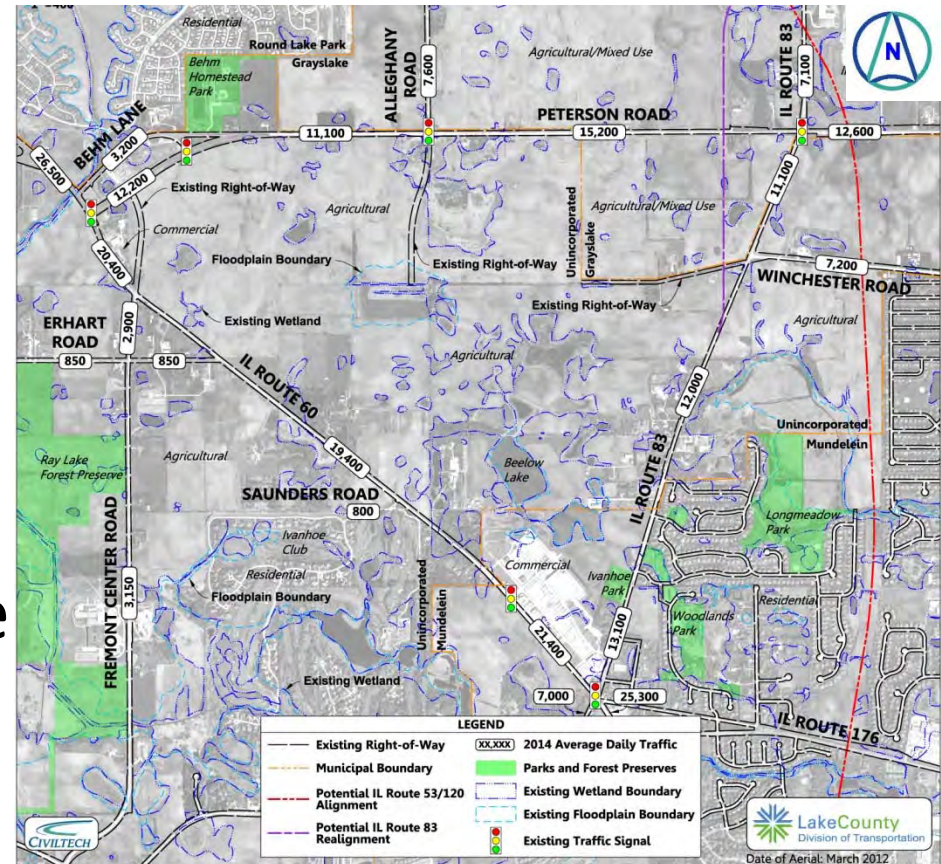


Existing Average Daily Traffic



Environmental Resources

- Ivanhoe Park
- Behm Homestead Park
- Beelow Lake
- Ray Lake Forest Preserve
- Existing Wetlands



Public Involvement

Public Involvement Meeting #1

- March 18, 2015
- Exhibits on display
- 97 attendees
- Ten comments received

WELCOME

Fremont Center Road
Phase I Engineering Study

Public Information Meeting #1



Improvement Needs and Solutions

Group Exercise

Next Steps



Questions?

Thank you for your participation!